

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A radio video transmission system which transmits video data from a transmitter to a receiver by radio, the radio video transmission system ~~being characterized by comprising:~~

a detecting means for detecting interruption of communication of data periodically transmitted by the receiver; and

a channel switching means for switching a channel through which video data is transmitted to the receiver, in response to the detection, by the detecting means, of the interruption of the communication, wherein

the channel switching unit comprises a timer that counts a channel switching time to set a power saving mode when a predetermined time has been clocked.

2. (Currently amended) The radio video transmission system according to Claim 1, ~~characterized in that~~wherein the data periodically transmitted by the receiver is transmitted data comprising a status of reception, by the receiver, of the video data transmitted by the transmitter, the transmitted data being periodically transmitted from the receiver to the transmitter by reception status transmitting means.

3. (Canceled).

4. (Currently amended) A radio video transmission system which transmits video data from a transmitter to a receiver by radio, the radio video transmission system ~~being characterized by comprising:~~

a reception status analyzing means for unit analyzing a status of reception, by the receiver, of video data transmitted by the transmitter; and

a transmitter transmission rate switching instructing means for unit transmitting, to the transmitter, an instruction on a change in a rate at which the transmitter transmits video data, according to results of the analysis by the reception status analyzing ~~means~~unit; and

a compression rate switching unit changing a compression rate of the video data according to results of the analysis by the reception status analyzing unit.

5. (Currently amended) The radio video transmission system according to Claim 4, ~~characterized in that~~ wherein the video data transmitted by the transmitter is video data compressed by the transmitter in association with an instruction on switching of the transmission rate transmitted by the receiver.

6. (Currently amended) A radio video transmission system which transmits video data from a transmitter to a receiver by radio, the radio video transmission system ~~being characterized by comprising:~~

a reception status analyzing means for unit analyzing a status of reception, by the receiver, of video data transmitted by the transmitter; and

a channel switching means ~~for~~ unit switching a channel through which video data is received from the transmitter and through which the status of reception is transmitted to the transmitter, according to results of the analysis by the reception status analyzing ~~means~~ unit; and
a compression rate switching unit changing a compression rate of the video data according to results of the analysis by the reception status analyzing unit.

7. (Currently amended) The radio video transmission system according to Claim 4, ~~characterized in that~~ wherein the results of the analysis by the reception status analyzing ~~means~~ unit is an error rate measured during a fixed period.

8. (Currently amended) The radio video transmission system according to Claim 4, ~~characterized in that~~ wherein the results of the analysis by the reception status analyzing ~~means~~ unit is a change rate of the error rate measured during the fixed period.

9. (Currently amended) The radio video transmission system according to Claim 1, ~~characterized in that~~ wherein at least one of the receiver and transmitter is a communication apparatus connected to AV equipment by inter-equipment communication.

10. (Currently amended) A method for radio video transmission which transmits video data from a transmitter to a receiver by radio, the method ~~being characterized by~~ comprising:

~~a step of~~ causing a receiver to periodically transmit video data;

~~a step of detecting~~ interruption of communication of data periodically transmitted by the receiver; and

~~a step of switching~~ a channel through which video data is transmitted to the receiver, when the interruption of the data communication with the receiver is detected, wherein

the channel switching unit comprises a timer that counts a channel switching time to set a power saving mode when a predetermined time has been clocked.

11. (Currently amended) The radio video transmission system according to Claim 2, ~~characterized in that~~wherein the channel switching ~~means-unit~~ comprises a timer that counts a channel switching time to set a power saving mode when a predetermined time has been clocked.

12. (Currently amended) The radio video transmission system according to Claim 5, ~~characterized in that~~wherein the results of the analysis by the reception status analyzing unit ~~means~~-is an error rate measured during a fixed period.

13. (Currently amended) The radio video transmission system according to Claim 6, ~~characterized in that~~wherein the results of the analysis by the reception status analyzing unit ~~means~~-is an error rate measured during a fixed period.

14. (Currently amended) The radio video transmission system according to Claim 5, ~~characterized in that~~wherein the results of the analysis by the reception status analyzing unit ~~means~~-is a change rate of the error rate measured during the fixed period.

15. (Currently amended) The radio video transmission system according to Claim 6, ~~characterized in that~~ wherein the results of the analysis by the reception status analyzing unit ~~means~~ is a change rate of the error rate measured during the fixed period.

16. (Currently amended) The radio video transmission system according to Claim 2, ~~characterized in that~~ wherein at least one of the receiver and transmitter is a communication apparatus connected to AV equipment by inter-equipment communication.

17. (Currently amended) The radio video transmission system according to Claim ~~3~~1, ~~characterized in that~~ wherein at least one of the receiver and transmitter is a communication apparatus connected to AV equipment by inter-equipment communication.

18. (Currently amended) The radio video transmission system according to Claim 4, ~~characterized in that~~ wherein at least one of the receiver and transmitter is a communication apparatus connected to AV equipment by inter-equipment communication.

19. (Currently amended) The radio video transmission system according to Claim 5, ~~characterized in that~~ wherein at least one of the receiver and transmitter is a communication apparatus connected to AV equipment by inter-equipment communication.

20. (Currently amended) The radio video transmission system according to Claim 6, ~~characterized in that~~wherein at least one of the receiver and transmitter is a communication apparatus connected to AV equipment by inter-equipment communication.

21. (New) The radio video transmission system according to Claim 4, wherein a user performs the changing of the compression rate.

22. (New) The radio video transmission system according to Claim 6, wherein a user performs the changing of the compression rate.